

WHAT IS CLAIMED IS:

1. A dispenser for fabricating a liquid crystal display panel, comprising:
at least one dispensing unit to supply a dispensing material on a substrate;
at least one support member to support and align the dispensing unit; and
a plurality of syringes mounted on each dispensing unit.
2. The dispenser according to claim 1, wherein a plurality of thin film transistor arrays is defined on the substrate, each thin film transistor array corresponding to a respective one of a plurality of image display portions defined on the substrate.
3. The dispenser according to claim 1, wherein a plurality of color filter arrays is defined on the substrate, each color filter array corresponding to a respective one of a plurality of image display portions defined on the substrate.
4. The dispenser according to claim 1, wherein the dispensing material includes a sealant for forming a seal pattern.
5. The dispenser according to claim 4, wherein the seal pattern defines an opening at one portion.
6. The dispenser according to claim 4, wherein the seal pattern defines a closed pattern encompassing the image display portion.

7. The dispenser according to claim 1, wherein the dispensing material includes liquid crystal material.

8. The dispenser according to claim 1, wherein the dispensing material includes silver (Ag).

9. The dispenser according to claim 1, wherein at least one of the plurality of dispensing units includes a gap controller to control a gap between the substrate and the syringes.

10. The dispenser according to claim 2, wherein the image display portions are disposed as an array of image display portions on the substrate, and wherein the number of the syringes provided on each one of the dispensing units corresponds to the number of image display portions formed in a row of the array of image display portions.

11. The dispenser according to claim 3, wherein the image display portions are disposed as an array of image display portions on the substrate, and wherein the number of the syringes provided on each one of the dispensing units corresponds to the number of image display portions formed in a row of the array of image display portions.

12. The dispenser according to claim 1, wherein each one of the plurality of syringes provided on each one of the dispensing units are movable in at least one direction of the dispensing unit.

13. The dispenser according to claim 1, wherein at least one of the plurality of syringes provided on each one of the dispensing units is fixed with respect to the dispensing unit and the other ones of the syringes are movable at least in one direction of the dispensing unit.

14. A method of fabricating a liquid crystal display panel using the dispenser according to claim 1, comprising:

- forming a thin film transistor array substrate;
- forming a color filter substrate;
- dispensing a material from the dispenser onto at least one of the thin film transistor array substrate and the color filter substrate; and
- joining together the thin film transistor array substrate and the color filter substrate.

15. A dispenser for fabricating a liquid crystal display panel, comprising:

- a plurality of dispensing units to contain a material to be dispensed;
- a plurality of support members to support and position the dispensing units; and
- a plurality of syringes to receive the material to be dispensed from the dispensing units and to supply the material to a substrate, at least two of the syringes mounted on each one of the dispensing units.

16. The dispenser according to claim 15, wherein a plurality of thin film transistor arrays is defined on the substrate, each thin film transistor array corresponding to a respective one of a plurality of image display portions defined on the substrate.

17. The dispenser according to claim 15, wherein a plurality of color filter arrays is formed on the substrate, each color filter array corresponding to a respective one of a plurality of image display portions defined on the substrate.

18. The dispenser according to claim 15, wherein the material includes a sealant for forming a seal pattern.

19. The dispenser according to claim 18, wherein the seal pattern defines an opening at one portion.

20. The dispenser according to claim 18, wherein the seal pattern defines a closed pattern encompassing the image display portion.

21. The dispenser according to claim 15, wherein the material includes liquid crystal material.

22. The dispenser according to claim 15, wherein the material includes silver (Ag).

23. The dispenser according to claim 15, wherein at least one of the plurality of dispensing units includes a gap controller to control a gap between the substrate and the syringes.

24. The dispenser according to claim 16, wherein the image display portions are disposed as an array of image display portions on the substrate, and wherein the number of the syringes provided on each one of the dispensing units corresponds to the number of image display portions formed in a row of the array of image display portions.

25. The dispenser according to claim 17, wherein the image display portions are disposed as an array of image display portions on the substrate, and wherein the number of the syringes provided on each one of the dispensing units corresponds to the number of image display portions formed in a row of the array of image display portions.

26. The dispenser according to claim 15, wherein each one of the plurality of syringes provided on each one of the dispensing units are movable in at least one direction of the dispensing unit.

27. The dispenser according to claim 15, wherein at least one of the plurality of syringes provided on each one of the dispensing units is fixed with respect to the dispensing unit and the other ones of the syringes are movable at least in one direction of the dispensing unit.

28. A method of fabricating a liquid crystal display panel using the dispenser according to claim 15, comprising:

- forming a thin film transistor array substrate;
- forming a color filter substrate;
- dispensing a material from the dispenser onto at least one of the thin film transistor array substrate and the color filter substrate; and
- joining together the thin film transistor array substrate and the color filter substrate.